

Abstract Of The Invention

An adjustment device for adjusting the position of at least one cutter of a fine machining tool, particularly a reamer, with respect to a cutter support (ST) is described. To allow the cutter
5 to be adjusted as precisely as possible, the cutter support (ST) borders at least one pressure chamber (DK) which is arranged in the adjustment direction of the cutter (S) with a displacement with respect to it and which is filled with a pressure means which can be placed under pressure using a pressure generation device. Between the cutter (S) and the pressure chamber (DK), a
10 cutter support wall (W) remains which is elastically deformable upon application of pressure by the pressure transfer means to adjust the cutter position.